Computer Engineers

JAY GUY ANGUS

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Valley, Al 36854
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EDUCATION

Bachelor of Science: Computer Engineering
The University of Alabama, Tuscaloosa, Alabama **Minor:** Computer Science
Expected Graduation: May 2004, In Major GPA: 2.75/4.00
TIDE Program Student-Integrated Engineering Curriculum Program

Senior Design Project: Data acquisition system that collects data through an Amtel microprocessor then transfers the collected data to a computer. Then using MatLab spectral analysis is done on the collected data. Finally a graphical representation of the data is presented.

Southern Union State Community College, Opelika, Alabama (September 1998-June1999)
Computer Science Curriculum
GPA: 2.5/4.0

COMPUTER SKILLS

Programming Languages: C/C++ (Visual, Operating System Design, and Socket Based Applications), MatLab (Digital Image Processing, Spectral Analysis), Assembly(x86, 8051), VHDL, Visual Basic, HTML
General Applications: Word, Excel, PowerPoint, VI, UNIX and Windows based Operating Systems

WORK EXPERIENCE

Student Analysts, August 2002-present
Seebeck Computer Center-Network Support, University of Alabama, Tuscaloosa, Alabama
Perform general PC repair and troubleshoot any network problems
Set-up new PC's and create images as needed for multiple set-ups

Student Consultant, January 2001- August 2002
Seebeck Computer Center-Helpdesk, University of Alabama, Tuscaloosa, Alabama
Provide faculty and students with basic technical support
Aid coworkers to become more proficient computer users
Redirect calls to proper staff members

Engineering Intern, May 2000-August 2000
ITC^Deltacom-Second Level Technical Support, Auburn, Alabama
Monitored customers migrating onto new e-mail farm
Created new e-mail accounts and setup appointments to migrate the customer to new system
Made DNS changes as needed for customers
Provide customers with technical support

Waiter, October 1999-May 2000
Ezell's Catfish Cabin-Tuscaloosa, Alabama
Dealt with customers. Served food. Cleaned tables. Assisted in cleaning and closing the restaurant in the evenings. Provide a light and pleasant environment within the restaurant.

Laborer, June 1999-August 1999, Holidays
West Point Stevens, Fairburn, Georgia
Unload tractor-trailers. General warehouse maintenance

Technician's assistant, October 1998-June1999
Micro Services Group, Valley, Alabama
Technician's assistant. General Building maintenance

SOCIETIES

Institute for Electrical and Electronics Engineers
          Student Branch Treasurer (2003-2004)
Association for Computing Machinery

ABHISHEK ATTRI

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attri001@bama.ua.edu

OBJECTIVE
To obtain a challenging position as a software developer utilizing and enhancing my skill set.

CAREER SUMMARY
Proficient in various programming languages and tools including C/C++, Java, J2EE, PHP, SQL, Visual Studio, Rational Rose etc. with excellent analytical, organizational, and communication skills. Masters Candidate with commendable academic performance and two years of hands-on programming experience as a Graduate Assistant. Especially skilled in analysis, design and development of Web and Enterprise Applications, Database Management Systems, Graphical User Interfaces, and Software Tools. Extremely energetic, independent, and resourceful individual with proven ability to work in a team environment.

COMPUTER SKILLS
Programming Languages and Tools : C/C++, Java, Pascal, Lisp, COBOL, SQL,Visual Basic, Visual Studio, PCGrasp, IBM VisualAge for Java, Websphere, Flex, Bison, Jlex, JavaCup, UML, Rational Rose, DreamWeaver, Frontpage, MapServer (Geographical Mapping Software), Adobe Photoshop, SSH secure shell, FTP, Telnet, 8085/8086 Assembly.
Databases : Oracle, MS ACCESS, DB2, MySQL.
Internet Technologies : JSP, EJB, CORBA, J2EE, JDBC, RMI, Servlets, PHP, HTML, ASP, JavaScript.
Operating Systems : Windows 9x/NT/2000/XP, DOS, UNIX.

EDUCATION
MS in Computer Science, August 2003, University Of Alabama, Tuscaloosa, Alabama.
GPA: 3.45/4.00
BS in Computer Engineering, July 2000, Kurukshetra University, Kurukshetra, India.
First Division

EXPERIENCE
Aug 2002 - Present

Applications Developer
Center for Business and Economic Research (CBER), University of Alabama, Tuscaloosa.
Developed a dynamic "Database-driven Web Application" individually that enabled users to conveniently identify and access relevant census data very efficiently.Created a voluminous MySQL database with data from US Census for the state of Alabama. Database consisted of multiple Summary File tables.Each table contained up to 20,000 records and hundreds of fields.
 Wrote programs to query the database and dynamically display data in a user friendly format using PHP and SQL. Using C to link the system with MapServer (mapping software) in order to provide mapping facility to users. The C program will write to a field in shape's database file on the fly, and will also create a .map file from a map file "template".
Environment: PHP, MySQL, C, SQL, JavaScript, DreamWeaver, Visual Studio, Windows XP.

Feb - Aug 2002

Java Programmer
School of Library and Information Science, University of Alabama, Tuscaloosa.
Deciphered a complex database structure based on the Classical Digital Library Model. Wrote programs using JDBC and SQL to populate the database. Demonstrated ability to learn quickly and perform admirably in a team while developing patent pending software for automating the control and management of huge collection of online medical resources. Programmed using Java Server Pages, Enterprise Java Beans and Servlets.
Environment: IBM Visual Age for Java, Websphere, DB2, JDBC, EJB, JSP, Servlets, Windows 2000.

ABHISHEK ATTRI

Webmaster and Multimedia Developer   Jan - Aug 2002

School of Social Work, University of Alabama, Tuscaloosa.

Performed Website Design and Multimedia Development. Investigated various issues related to parent care. Assisted in the design of tools(Online Assessment tools in the form of HTML forms) and presentations to highlight those issues and get user feedback.

Environment: HTML, Photoshop, DreamWeaver, MS Office, Windows 2000.

Graduate Administrative Assistant   Aug - Dec 2002

Critical Languages Center, University of Alabama, Tuscaloosa.

Created student Class Schedules. Performed a teaching analysis of the instructors and provided suggestions to improve that. Administered the media lab and conducted examinations.

Professional Trainee in Enterprise Applications Development   May - June 2001

Software Technology Group Ltd., New Delhi, India.

Enhanced conceptual and working knowledge of basic and advanced java. Strengthened experience in design and development of Enterprise Applications using EJB, JDBC, JSP etc.Developed a text editor program using java.

Environment: Java, EJB, JSP, CORBA, Servlets, J2EE, JDBC, RMI, Oracle 8i, Java Web Server, Windows NT.

C and HTML Programmer   July - Aug 1998

Center for Development of Telematics (C-DOT), New Delhi, India.

Examined a software tool for converting C files to HTML files and vice versa.

Enhanced its utility by adding frames and hyperlinks for convenient file access and display using C and HTML.

Environment: C, HTML, UNIX.

RELATED SCHOOL PROJECTS

Interval Arithmetic Language   University of Alabama, Tuscaloosa

Developed an Interval Arithmetic Language that provides intervals as fundamental data types.Identified the mathematical specification of intervals and different operations that can be performed on them.Wrote functions in C to implement those operations.Used this logic to create the language using different scanner and parser tools.

Environment: Flex, Bison, C, Sun Solaris 7.0.

Bulletin Board System   University of Alabama, Tuscaloosa

Designed and developed a **Bulletin Board System** using the Software Engineering Process. Lead a team of four students.Users were able to view, post, search, and reply to messages posted on the board.

Environment: ASP, MS Access, Rational Rose, UML, Frontpage, Oracle 8i, IIS, Windows 2000.

Chat Server   Kurukshetra University, Kurukshetra

Created a Chatting Application for multiple users. Users were able to chat and send emails to each other. The system also provided mail storage and mail notification facilities to the user.

Environment: Servlets, Applets, JDBC, MS ACCESS, Java Web Server, Windows NT.

Hospital Management System   Kurukshetra University, Kurukshetra

The hospital management system automated the burdensome and time-consuming task to create and maintain patient records on paper. Designed a database to store patient data. Wrote queries to add, delete and modify patient records.Developed the user interface and linked it to the database.

Environment: Visual Basic, SQL, MS ACCESS, Windows 98.

HONORS AND ACTIVITIES

Awarded National Cultural Talent Search Scholarship(1991-1995) in painting and sketching.

Recepient of several awards in sports, skits, compering, organizing, and modelling.

Member of Association for Computing Machinery(ACM).

AMRIT BANDYOPADHYAY

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OBJECTIVE
To leverage expertise, gain experience, and apply knowledge to contribute to software development via a job.

EDUCATION
Bachelor of Science: Computer Engineering
Minor: Mathematics
The University of Alabama, Tuscaloosa, Alabama
Expected Graduation Date: December, 2002
Cumulative GPA: 4.0/4.0

PAPERS AND PUBLICATIONS
W.H Butler, A. Bandyopadhyay, R. Srinivasan, " Electronic and Magnetic Structure of a 1000K Magnetic Semiconductor: α-Hematite(Ti)", paper has been sent for approval to the MMM(Magnetism and Magnetic Materials) conference, 2002, to be published in the Journal of Applied Physics.

WORK EXPERIENCE
Undergraduate Research Assistant, University of Alabama

- **Jan 2002-Present,** working with Dr. William H. Butler, Director, Center for Materials for Information Technology, University of Alabama .
  (http://bama.ua.edu/~mint/butler.html)

  - Built a LINUX cluster of 28 nodes, including assembling the computers, configuring the Operating System, and imaging the nodes.
  - System Administrator for the cluster.
  - Researching non-traditional semiconducting materials that are known to be magnetic at room temperature (solid solutions of the minerals ilmenite and α-hematite)
  - Writing parallel codes for computational physics using FORTRAN, PVM, MPI, and parallelization of existing codes.
  - Currently involved in setting up a Windows Server.

- **September 2001-January 2002,** Worked with Dr. William Stapleton, Assistant Professor, Computer Engineering (http://bama.ua.edu/~wstaplet), in employing Parallel Virtual Machines (PVM) for Fractal Image Compression.

- **January 2001 – April 2001,** Worked with Dr. John Barnard, Associate Director, Metallurgical & Materials Engineering. Experimented with the properties of Dendrimers and developed a simulation of the nano-indentation of Dendrimers.

SENIOR DESIGN PROJECT
Designing a prototype for a Digital Signal Processing (DSP) application, consisting of a reconfigurable digital filter, and a spectrum analyzer with Windows GUI. The DSP board being used is the TMS320C6711-DSK board built by Texas Instruments, and Windows GUI is being provided using MFC with OpenGL.

COMPUTER SKILLS
Programming languages:
Visual C++, Visual Java, Visual Basic 6.0, Matlab, OpenGL, Fortran 77/90
PVM(Parallel Virtual Machines), MPI(Message Passing Interface), Bourne Shell Script
VHDL(VHSIC Hardware Description Language)

Engineering Software:
PSPICE, Alterra Max PlusII

Database:
MS-Access, Oracle, SQL

Operating Systems:
Windows 95/98/2000/NT, Unix, Linux

Internet Skills:
HTML, Javascript

HONORS / ACTIVITIES
- Senior Meritorious Award, 2002
- Tau Beta Pi Senior Achievement Award, 2002
- Don Carlos Nelson Scholarship Recipient
- Economics Freshman Achievement Award, 2001
- President's List, Spring 2002
- President's List Fall 2001
- President's List, Spring 2001
- President's List, Fall 2000
- Tau Beta Pi Alabama Beta Chapter
- Eta Kappa Nu
- IEEE

REFERENCES
Available on request.

BRANDEN C. CARR

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Objective

To obtain a computer engineering position in a company that will utilize my knowledge to help further the company and develop my potential.

EXPERIENCE

Summer 2001
City of Trussville (Park and Recreation) Trussville, AL Worked with lawn care to help fund college costs.

Internship 2000
EDS (Electronic Data Systems), Hoover, AL Worked with Mainframe and Midrange groups. Helped with the moving and addition of several mainframes and midrange machines. Also worked on Microsoft Visio Project.

Internship 1999
EDS (Electronic Data Systems), Hoover, AL Worked with Remote Desktop Support. Provided critical support for users problems. Specifically provided remote PC support. Also supported Y2K conversion projects including PC computer compliance testing. Supported conversion to Outlook 98 using Remotely Possible application.

Tennis Instructor(97-98): Taught tennis at the Trussville Racquet Club.

COMPUTER SKILLS

Window 98/Me/XP/NT/2000, Office 95-2000, C++, Java, Outlook, Altera, Matlab, Remotely Possible, System Management Server(SMS), Microsoft Visio, AutoCAD.

EDUCATION

The University of Alabama
Bachelor of Science, Computer Engineering
Relative Coursework: Microeconomics, Calculus III, Engineering Graphics and Materials, Chemistry 101&102, Physics I&II, Computer Programming Courses (VHDL, C++, Java, Assembly code, Fortran 90), Electrical Circuits, Matrix Theory, Applied differential Equations, Engineering Statistics and Economics, Discrete Mathematics, Electronics I&II, Digital IC Design, Signals and Systems, Computer Architecture.

2.6 Overall GPA
Expected Graduation:
May 2003

EXTRACARICULAR ACTIVITIES
IEEE Member
Campus Crusade for Christ
Intramural Sports
Mark's Madness

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Education

Bachelor of Science   December 2003
The University of Alabama, Tuscaloosa, Alabama
Major: Computer Science Engineering
Minor: Mathematics
GPA: 3.1/4.0   **Major GPA:** 3.4/4.0

Computer Experience

Languages: C/C++/C#, OpenGL, Java, HTML, JavaScript, Visual Basic, Fortran, PHP, MySql

Operating Systems: Microsoft Windows XP/2000/9.x, Mac OS X, Linux, MS DOS

Software: ColdFusion, Microsoft OfficeSuite, Visual Studio, Dreamweaver, Photoshop, Acrobat, Adobe Golive, MathWorks MatLab, Altera Max+Pluss II, OmniPage

Experience

Computer Lab Manager   May 2001 - Present
Faculty Resource Center, University of Alabama, Tuscaloosa, AL
- Maintained and upgraded all PCs, Macintoshes, and printers in the lab.
- Supervised and set work schedules for three lab technicians.
- Aided faculty members in solving computer-based problems.
- Adapted educational media to a digital form for use in university courses.
- Taught faculty effective and efficient uses of the software available.

Computer Lab Technician   August 2000 - May 2001
Faculty Resource Center, University of Alabama, Tuscaloosa, AL
- Designed and created departmental websites.
- Installed software on faculty computers.
- Performed digital video editing for university faculty and staff.

Customer Service Representative   August 1998 - August 2000
University Supply Store, University of Alabama, Tuscaloosa, AL
- Maintained and updated sales floor to promote customer retention.
- Provided customer support, solved customer complaints, and aided merchandise selection.
- Processed both incoming and outgoing orders.

Warehouse Manager   May 1997 – May 1998
TranStar Distributors, Mobile, AL
- Responsible for orderly flow of one thousand unique items into and out of warehouse.
- Delivered carpets to households and businesses.
- Maintained customer and supplier records for a tri-state region.

Honors/ Activities

Association for Computing Machinery: President 2003 - Present
American Institute of Aeronautics and Astronautics: Treasurer 2001 - 2002
Residence Hall Association: Senator 1998 - 1999 Vice President 1999 - 2001
Campus Safety and Security Committee: 1999 - 2001
Campus Food Services Committee: 2000 - 2001
Beat Auburn/ Beat Hunger Food Drive
Americorps*NCCC

Alicia T. Castro

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Louisville, Kentucky 40299

(502) 417-2400

deancastro@insightbb.com

Objective:

Accomplished engineer seeking work in R&D, Compuer Engineering, Programming and/or Project Management. Excellent qualifications in managing projects from concept through planning, design, development and task management. Consistently successful in implementing new technoclogies and enhancing existing capabilities to improve performance.

Experience and accomplishments:

06/03-12/03   Care Security Systems, Louisville, Kenctucky
Internship at Care Security as a Network Administrator and Project Planning and Management. Hardware and software implementation project estimating. Client/Account/Vendor relations

12/93 -12/02   Care Security Systems, Louisville, Kentucky
 Working part time as manager assistant of the accounting and IT departments. Having originally set up the computer based accounting system my responsibilities included: software maintenance, upgrading and software integration. Other responsibilities included computer hardware troubleshooting and java programming.

1/93 - 12/93   Medaphis Corporation, Jacksonville, Florida
Responsible for the accounting department and quality control department. Checking correspondence and interpretation of the Explanation of Benefits sent by the health insurance companies. Medicare and Medicaid billing insurance experience.

Education:
- University of Louisville, 5/2003. <u>BS Computer Engineering and Computer Science</u>
- Jefferson Community College, <u>Associate in Science,</u>

Honors:
- Member of Phi Theta Kappa.
- Merit Scholarship recipient

PHAISIT CHEWPUTTANAGUL

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205-239-3977 (Cell)

OBJECTIVE

To obtain a meaningful and challenging position as Computer Engineer or Software Engineer

COMPUTER SKILLS

- **Programming Languages:** C/C++, MATLAB, VHDL, Visual Basic, JAVA, OpenGL, JAVAScript, Assembly, SQL, VHDL, AHDL, Code Composer Studio, LogixPro

- **Web Applications:** ASP, DHTML, ODBC/OLE, CGI(Perl/C++), Cold Fusion, COM/DCOM

- **Operating System:** Windows 98/2000/XP, Unix

- **Applications:** Labview, PLC (Allen Bradley), 3D Studio, Adobe Premiere, Adobe Photoshop.

EDUCATION

- **Ph.D. in Electrical and Computer Engineering,** The University of Alabama, Tuscaloosa, AL
  Research Area: Digital Image Processing and Computer Vision
  Dissertation: *3-D Road Recognition System for Hybrid Electric Vehicles Using GPS/GIS Integrated System and Machine Vision*
  Expected Graduation Date: Dec 2003
  GPA : 3.6/4.0

- **Master of Science in Electrical and Computer Engineering,** The University of Alabama, Tuscaloosa, AL
  Thesis Title: *Implementation and performance evaluation of Intel Vtune Image Processing functions in the MATLAB environment*
  Graduation Date: May 2000

- **Bachelor of Science in Computer Science , June 1996,** Rajabhat Institute Suan Sunandha, Bangkok, Thailand

RELEVANT COURSES

- Advance Computer Architecture
- Computer Vision Digital Image Processing
- Programmable Logic Control (PLC)
- Dynamic Data Acquisition
- Digital Communication System
- Parallel and Distribution Processing
- Database Management
- Computer Engineering

- Microcontroller
- Computer Graphic Design
- Computer Communication Networks
- Digital Signal Processing (DSP) Hardware and Application
- Data Mining
- Stochastics Processes
- Linear Optimization
- Embeded System

EXPERIENCE

- **Researcher, Fall 2000 - present**
  Department of Electrical and Computer Engineering, The University of Alabama, Tuscaloosa, AL
  Research on Intelligent Vehicles, Machine Vision, Navigation system, and Image Processing.

- **Internship as Programmer and Engineer, Summer 2000**
  Bara Advanced InfoTech Co., Ltd, Bangkok, Thailand

EXPERIENCE (continued)

- **Website Developer & Teaching Assistant, Fall 1999 & Spring 2000**
  Department of Electrical and Computer Engineering, The University of Alabama, Tuscaloosa, AL
  Lab instructor and grader for Computer Engineering using AHDL also develop and maintain department of
  Electrical and Computer Engineering website using DHTML and ASP.

- **Teaching Assistant, Spring 1999**
  Department of Electrical and Computer Engineering, The University of Alabama, Tuscaloosa, AL
  Lab instructor and grader for Numerical Computer Electronic System using C++ to verify results.

- **Maintain network and web-site at Law School Library, Spring & Summer 1999**
  School of Law, The University of Alabama, Tuscaloosa, AL

- **Data Processing/Programmer, January 1995 - November 1996**
  Foresight Research Co., Ltd., Bangkok, Thailand
  Programed Database Management System and Software Development in a teamwork driven environment
  using Visual Basic and Microsoft Access

- **Software Development Programmer Assistant, November 1993 - October 1994**
  Janzen Pharmaceutica Co., Ltd., Bangkok, Thailand
  Developed and implemented Windows application using Visual Basic and Foxpro.

PUBLISHED PAPERS

- *"Quaternary Arithmetic Logic Unit on a Programmable Logic Device"*, International conference on Parallel and
  Distributed Processing Techniques and Applications, (PDPTA'03), June 23-26, 2003, Las Vegas, Nevada, USA

- *"Scalable Giga-PIXELS/s Binary Image Morphological Operations"*, IEEE International Symposium on Circuits and
  System, (ISCAS 2003), May 25-28, 2003, Bangkok, Thailand

- *"Implementation and Performance Evaluation of Intel Vtune Image Processing Functions in the MATLAB
  Environment"*, ISCA 18th Int'l. Conference (CATA-2003) March 26-28, 2003, Honolulu, Hawaii, USA

- *"A Programmable Logic-Based Implementation of Ultra-Fast Parallel Binary Image Morphological Operations"*,
  ISCA 18th Int'l. Conference (CATA-2003) March 26-28, 2003, Honolulu, Hawaii, USA

- *"Memory-CORDIC Algorithm for Embedded Programmable Logic Device Designs"*, ISCA 17th Int'l. Conference
  (CATA-2002) April 4-6, 2002, San Francisco, USA

PAPERS IN PREPARATION

- "3-D road reconstruction from image"
- "GPS/GIS integrated system for road recognition"
- "FPGA Chip Design for AC Motor Controller"
- "A Multi-Memory Access Method Using in FPGA Design"

PROFESSIONAL AFFILIATIONS

- *Member*, Institute of Electrical and Electronics Engineer
- *Member*, Computer Society

ACTIVITIES & INTERESTES

- *Sports*, basketball, tennis, soccer, and volleyball
- *Travel*, recently trip to Hawaii, Thailand, and Las Vegas

REFERENCES AVAILABLE UPON REQUEST

MEENAL JADHAV
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OBJECTIVE
Software development.

EDUCATION

Master of Science: Computer Science
University of Alabama, Tuscaloosa
Expected Graduation: August 2003

Bachelor of Science: Computer Engineering
University of Bombay, India
Graduated: May 2000

COMPUTER SKILLS

Programming languages:
Assembly Language, C, C++, Java, Visual Basic 6.0, MatLab, ASP, Pro C/C++, Visual Fortran, VRML

Databases:
Oracle 8.0, MS-Access

Operating Systems:
Windows 95/98/2000/NT, Unix

Internet Programming:
HTML, Javascript, CGI with Perl

WORK EXPERIENCE

Graduate Research Assistant, University of Alabama
Websuite, Distance Education, Jan 2003-Present, Server programming and trouble-shooting. Currently involved in developing the first online interactive course (MA110) at The University of Alabama. (http://bama.disted.ua.edu/)

System Support, University of Alabama
Bashinsky Computer Center, August 2002-December 2002
(http://www.cba.ua.edu/sss/)

Graduate Research Assistant, University of Alabama
Vibro-Acoustics Research Laboratory, Aug 2001-May 2002, worked with Dr. Teik Lim Associate Professor, Mechanical Engineering Department, The University of Alabama. (http://www.eng.uc.edu/dept_min/people/mefaculty/faculty/lim.htm)

Graphical User Interfaces (GUI)
Development of a prototype called "Spectral-based sub-structuring", used for finding results of forward and inverse sub-structuring, including writing simulation programs in MatLab, Visual Fortran and developing user friendly interface in Visual Basic.

Web Design and Advancement
Developed and maintained websites of Dr. Lim's research group.

Trainee Engineer (Bachelor's Thesis)
SCARA Project, June 1999-May 2000
Robotics division, Bhabha Atomic Research Center (BARC).
Modeling and simulation of the Scintillated Cumulative Assembly Robotic Arm (SCARA) on a UNIX platform using VRML and C. This project involved understanding the kinematics and developing a model of SCARA, followed by testing it in an appropriate environment.

Software developer, University of Bombay, India
Attendance System, Aug 1998-Nov 1998
Automated the manual attendance system for the faculty of the Department of Computer Engineering at University of Bombay. Front end of the system was developed using Visual Basic and the database was developed using MS-Access. Final implementation was on Windows NT.

Computer Adaptive Test, Jan 1999-March 1999
Initiated and completed a prototype testing system, similar to the adaptive computer based tests such as SAT, GRE, TOEFL on a Windows NT platform using MS-Access as back-end and Visual Basic as front-end.

COURSES TAKEN
Graduate Level:
Java Programming, Software Engineering, Wireless networks, Spatial Databases, Computer Security, Advanced Algorithms, Operating Systems, Database Management Systems (Embedded SQL).
Undergraduate Level:
Digital Signal Processing, Software Engineering, Computer Architecture, Computer Networks, Operating Systems, Microprocessors, Database Management Systems, Compiler Construction,

HONORS/ACTIVITIES
- 3rd prize for Bachelors Thesis (SCARA project) at the national level.
- College President of Computer Engineering Students Association, University of Bombay, 1999-2000.
- Organized, participated and was the "Master of Ceremonies" for the cultural night organized by the Indian Association of Tuscaloosa.

References available on request

SANGEETA KRISHNAN

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OBJECTIVE
- To secure a full time position of software developer in a challenging project environment.

EDUCATION
- **Master of Science in Computer Science** **Dec. 2003 (expected)**
  The University of Alabama, Tuscaloosa, AL 35487, U.S.A. **Current GPA: 3.5/4.0**

- **Bachelor of Engineering in Computer Technology** Aug. 2001
  Y.C.C.E, Nagpur, India **First Division**

WORK EXPERIENCE

- ICT (Institute of Information Technology) Sept. 2001- Mar. 2002
  Nagpur, INDIA

  Activities
  - Developing software solutions for costumer requirements by collecting data.
  - Worked in C, Visual Basic, SQL and Web designing for developing software solutions.

- *Software for Banking Applications*
  Developed in C for a bank to check the bank balance and view the transactions. Developed, tested by a group of 3 and finalized in an 8 month period.

SOFTWARE EXPERIENCE
- Language : C , C++, VC, VC ++, Java, J2ME, HTML, Pro C, Basic, FORTRAN, COBOL, Pascal
- O. S. : DOS 6.2, Windows 98/ 2000 & XP, Unix
- RDBMS : Oracle 8i, DB2
- Front End : VB 6.0
- Application s/w : M. S. Office XP, FrontPage, Matlab 6.1, Photoshop, Internet explorer

PROJECTS

- *Developed Minesweeper game for cellular phones* Spring 2003
  Game developed to run on mobile (Motorola) phones using J2ME (Micro Edition) for wireless application including sound features and database records containing the best winning time of player.

- *Developed robot management to find optimal path avoiding obstacles* Spring 2003
  Determines optimal path for robot to reach from initial position to goal position without hitting any obstacle in its way. Developed in Visual basic using artificial intelligence principles.

esigned Expert systems (A.I) for machinery   Spring 2003
Expert system developed in Visual Basic to blow a siren as a warning in case of any expected instrument failure. The program can learn from its experience about the expected failures and save the causes of failure.

- *Developed database application*   Fall 2002
  Application for retrieving customer information by maintaining information of purchases made. Developed in Pro C to provide secured environment to customers for making transactions.

- *Database designing, maintenance for Loco Systems for Indian Railways*   Fall 2000
  Loco system software maintains all information about machinery used in trains and cycle of service and causes of failure calculation. Developed as part of final year of undergraduate program in Visual Basic 6.0 with Oracle database.

- *Software for Generating Random Test Papers*   Fall 1999
  Test software developed in C generates new set of questions every time from a large data base of questions and calculates score of test taker to evaluate performance. User can select option to save and calculate performance by consecutive testing.

REFERENCES
- Available upon request

SUSHMA KRISHNASWAMY

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OBJECTIVE
Looking for a challenging full-time position as a Software Development Engineer

EDUCATION
Master of Science: Computer Science
The University of Alabama
Tuscaloosa, Alabama
Expected Graduation: December 2003 GPA: 3.5

Bachelor of Engineering: Computer Science & Engineering
M.S. Ramaiah Institute of Technology
Bangalore, India
Graduated November 2000

EXPERIENCE
Student Intern, State Oil and Gas Board, Alabama, May 2003- Present
- Intern for the Information Technology Division
- Involved in Planning and Development of their new website
- Development of a Database to store well location information

Graduate Research Assistant, The University of Alabama, Sep 2001-Apr 2002
- Extracted Data from Maxamine Web Analyst fed to Access database
- Studied and programmed in Network Query Language (NQL) for varied data as input
- Development of an Access database to store data to be fed into SAS for analysis

Engineering Intern, Wipro Technologies, Bangalore, India. Nov 1999 - Sep 2000
- Intern for the Information Management Group (IMG)
- Development of an Oracle Database with Visual Basic as front end to store the Annual Maintenance Contract (AMC) details of the company
- Incorporated easier communication with the provider by introducing an electronic complaint form by use of WINSOCK control in Visual Basic

PROJECTS
OGB/GSA (Oil & Gas Board/Geological Survey of Alabama) new website project, Summer 2003
Was part of team used to create a common website for the above two branches of the State. Duties included developing queries in SQL and developing web pages to display results using ASP and Front Page.

Location Information Database Development Project, Oil & Gas Board, Summer 2003
Development of a Database for Location information of wells. Duties included changing the existing Database to a functional and efficient database followed by development using Visual Basic as front end and Access back-end.

Analysis of Well data using Backpropagation Networks, Neural Networks, Fall 2002
Given a set of input data, a backpropagation network was created. Using this network the porosity of some missing well data was predicted. With the available and predicted data together a decision was made as to where the favorable well should be dug.

Automatic Quiz System, Foundations of Software Engineering, Spring 2002
Focusing on mainly the Rational Unified Process, models were developed using the Rational Rose Enterprise edition software to guide the development of the Automatic Quiz System using ASP and Microsoft Access.

Customer Database, Database Management Systems, Fall 2001
Development of a customer database using CGI, Front-page and Oracle. Interactive Querying and Report Generation functions were implemented.

Hospital Management, Database Management Systems (Undergraduate), Spring 2000
Under the guidance of Dr. Parangusa Das, Manipal Hospital, Bangalore. The working database in the hospital was studied in detail and the necessary functions were incorporated in the system developed using D2K as front end and Oracle as back end.

Graphics editor, Computer Graphics, Spring 2000
Development of a 2D graphics package which includes the basic line drawing commands, circle, ellipse, spiral, clipping, etc, The Platform use to develop this package was C.

COMPUTER SKILLS

Operating Systems	DOS, Windows, UNIX
Languages	C, C++, Visual C++, FORTRAN, Pascal, Java, Visual Basic, Mat Lab.
Databases	Microsoft Access, Oracle, SQL Server
Internet Tools	HTML, MS-Front Page, ASP

ACTIVITIES/LEADERSHIP
Involved in coordinating the State level CSI convention 1999 held at MSRIT, Bangalore, India
Involved in organizing INT99h and INT00h, yearly fests hosted by the Computer Science department of MSRIT, Bangalore, India
Master of Ceremonies of the Diwali 2001 festival organized by the Indian Association of Tuscaloosa

REFERENCES
Available upon request

QUAD HUNT III 2002, 1999 BURDETT AVE   TROY, NY   12180
PHONE: 518-276-4590 • E-MAIL MCFARL@RPI.EDU

LAUREN MCFARLAND

OBJECTIVE

To attain a Co-op, internship, or summer job relating to the computer engineering field in the Boston, MA area.

EDUCATION

September 2002 - Present   Rensselaer Polytechnic Institute   Troy, NY
- Pursing a B.S. in Computer and Systems Engineering
- 3.63 GPA
- Classes of Interest through December 2003:
  - Computer Science I , II, Data Structures and Algorithms
  - Introduction to Engineering Analysis (Statics), Physics I
  - Embedded Control , Computer Components and Operations
  - Calculus II , Differential Equations
  - Computer Aided Design
  - Introduction to Engineering Electronics

AWARDS RECEIVED

Dean's List	Fall Semester 2002, Spring Semester 2003
Emily Roebling Scholarship	Fall and Spring Semesters 02-03, 03-04
RPI Alumni Scholarship	Fall and Spring Semesters 02-03, 03-04
Sullivan Tire Academic Scholarship	June 2002

WORK EXPERIENCE

June 2003 – August 2003   United States Air Force   Sandwich, MA
Otis Air National Guard Base
102nd Civil Engineering Corps

Computer Clerk
- Duties included providing clerical assistance, work on ACES (an Air Force Oracle Database), assisted with a base wide water flow project through data analysis and calculations of base water supply and needs.

Contact : Philip Motta, Assistant Chief of Technical Services,

508-968-4646

January 2003-May 2003   RPI Track Team   Troy, NY
RPI Track Team Manager
- Duties include helping the track team in computer aided scoring along with website updates and any other technological needs

October 2001-July 2002   Star Market   Quincy, MA
Cashier and Service Desk Representative
- Cashiering duties included aiding customers in the checkout process, and Service Desk duties involved handling customer questions and complaints along with other auxiliary services.

EXTRACURRICULAR ACTIVITIES

RPI Mentor Program (mentee 2002-2003)/Mentor for 2003-2004 academic year
Society of Women Engineers 2002-2003, 2003-2004 academic years

Elizabeth Ann Newdeck

Newdee@rpi.edu

Permanent Address
2219 Brookline Road
Wilmington, Delaware 19803
(302) 429-0837

Campus Address
2003 MacDonald
1999 Burdett Avenue
Troy, New York 12180
(518) 276-4633

OBJECTIVE: To obtain an engineering internship in the field of computer systems that will allow me to develop and utilize technical and analytical skills

EDUCATION: Rensselaer Polytechnic Institute, Troy, NY
Computer and Systems Engineering, GPA: 4.0/4.0, Currently Attending
B.S. Expected in Dec. 2004

United States Naval Academy, Annapolis, MD
Systems Engineering, GPA: 3.4/4.0, Attended 2000-2002

University of Delaware, Newark, DE
Continuing Education – Engineering, GPA: 3.9/4.0, Attended 1999-2000

WORK EXPERIENCE: BAE Systems, Wayne, New Jersey
Software Engineering Intern, May 03 – Aug. 03
Responsibilities:
- Drafted proposal documents for several military contracts
- Designed templates for proposal documents for use on future contracts
- Researched and analyzed a variety of software tools for possible use on future projects
- Office administration work including department newsletter and budget tracking

Wilmington Trust Company, Wilmington, Delaware
Data Center Technician, Oct. 02 – Dec. 02
Responsibilities:
- Updated schematic diagrams for bank mainframe system
- Tracked monthly billing information for all Data Center accounts
- Implemented database for tracking print records for all bank departments

RELATED COURSES: Introduction to Engineering Design (Spring 2003)
Member of team assigned to designed and build robot to play ping pong. This involved work with mechanical, electrical, and computer disciplines.

Laboratory Introduction to Embedded Control (Spring 2003)
This course consisted of construction of a "smart car" to follow a specified track using an optical tracking system. This project involved development of hardware and software components using the Motorola HC11 microprocessor.

LEADERSHIP: Military - U.S. Navy, Midshipman, 2000-2002

SPECIAL SKILLS: Computer – *Programs*: Microsoft Visio, Microsoft Word, Microsoft Excel, Microsoft Access, Maple, SolidWorks, Galorath SEER-SEM *Software*: C, C++
Sharpshooter – International Pistol Team, 2000-2001

HONORS AND AWARDS: Dean's List, Rensselaer Polytechnic Institute, Rensselaer Alumni Scholarship, Dean's List, United States Naval Academy, National Defense Service Medal, Sharpshooter Pistol Medal, Marksman Rifle Medal, Delaware Engineering Society Scholarship

INTERESTS: Volunteering, Teaching, Sports, Exercise

Sokhavy Phang

4272 Spoleto Cir Apt 200
Oviedo, FL 32765
sphang@ucf.edu

Objective

To obtain an internship or job which offers a valuable experience and new knowledge about working with computers

Education

2000-current   University of Central Florida   Orlando, FL

Bachelor of Science
Computer Engineering

- S.P.A.C.E. Program for engineering students.
- Completed 3rd year in a computer engineering major.

Minor
Business Administration

Work Experience

2001-2002   University of Central Florida   Orlando, FL

Research Assistant

- Provide assistance in Aerospace Mechanical Engineering Lab
- Create and help maintain a website
- Troubleshoot computer problems
- Build computers

2000-2002   Totally Spa   Palm Coast, FL

Receptionist

- Make and answer appointment calls
- Sell products and maintain inventory
- Cashier

Skills

- Designing web pages with HTML
- Introduced knowledge of C programming
- Experienced in Microsoft Office (Word, PowerPoint, Excel, Access)

Activities

- Society of Women Engineers, Historian & Webmaster
- Asian Student Association, Internal Public Relations & Fundraising Committee
- UCF Outlanders Club

LILA RAZAVI
P.Box 860099
Tuscaloosa,AL 35486-0001
(205)347-5908
Razav002@bama.ua.edu & Lilac1351@hotmail.com
U.S Permanent Resident

OBJECTIVE

To work & learn in database design, programming, and administration.

PROFESSIONAL EXPERIENCE

Lab Assistant , Faculty Resource Center
University of Alabama, Tuscaloosa, AL   1/2001 to 7/2002
-Debugged operating systems and graphic applications .
-Trained and assisted faculty with various graphic packages (Adobe: **Photoshop**; scanning procedures involving photos
and/or their negatives).
-Assisted faculty in designing courses on **WebCt** (an e-learning company).
-Made changes to some already-existing webpages using **Dreamweaver**.
-Used **Livemotion** to create Persian-font animation (along with translating animation from English to Persian: www.reata.org)

Database Programmer, Quartz Computer Co.
(4ᵗʰ Dimension mainly, www.4d.com) Tehran, IRAN   4/1997 to 7/1999
-Developed a database application for ordering, buying, selling, and cashiering for a French fashion company; designed forms and
wrote programs.
-Developed advertisement model database and made template bar for putting tags for words in sentences and writing scripts to send
sentences to Pagemaker document file.
-Developed and designed auto-dial, computerized phonebook.
-Developed transformation program for Persian language between Macintosh and PC files.
-Developed accounting database.

INTERNSHIPS

-Designed and programmed family income account database with Access (Statistics State Co.)- **1994**.
-Learning and programming C++ under Unix(Statistics State Co.)- **1995**.
-Designed and programmed office database with SQL Server 7 and Delphi - **2000**.

EDUCATION

Bachelor of Science :Computer Science-2003
University of Alabama, Tuscaloosa, AL; GPA 3.33
Independent Study : Oracle & JDeveloper
Bachelor of Science :Computer Engineering (Software)-1997
Azad University of IRAN,Tehran ; GPA 2.67
Thesis: Analyzing Beheshti University's network and Network Topology ,and designing a model for it.

COMPUTER SKILLS

Operating System: MacOs ,Windows, MS-Dos
Database: Oracle, 4ᵗʰ Dimension (Mac & PC) , SQL Server, Access
Programming Languages: Java, JDeveloper, C++,HTML & Webct (Dreamweaver) , Delphi , Pascal
Graphic: Adobe LiveMotion, Adobe Photoshop, Microsoft Powerpoint, AutoCad, Adobe PageMaker

ISHMAEL AMON RUDOLPH
E-mail: irudolph@yahoo.com

CAMPUS ADDRESS
Apt. 303 Mallet Hall
Tuscaloosa, AL 35487
Cell #: (205) 835-4974

PERMANENT ADDRESS
134 Arlington Road
Montgomery, AL 36105
(334) 264-6175

OBJECTIVE   To obtain an entry-level position that utilizes computer skills and technological knowledge.

EDUCATION   **Bachelor of Science**, May 2002
The University of Alabama, Tuscaloosa, Alabama
Major: Computer Engineering   GPA: 2.7/4.0
Minor: Business, Mathematics

EXPERIENCE

STUDENT EMPLOYEE, January 2000 – present
University of Alabama, Testing and Data Services, Tuscaloosa, AL
- Developed software solutions for annual student recruitment trend analysis using Microsoft's Visual InterDev and SQL Server packages and ASP technology
- Assisted in the editing of other online projects and documentation development sing general knowledge of computers, JavaScript, HTML, and Visual Basic/ASP
- Assisted office staff in general maintenance tasks and customer support, i.e. customer support problems, printing problems, etc.

RESEARCH ASSISTANT, October 2000 – December 2000
University of Alabama, School of Electrical Engineering, Tuscaloosa, AL
- Assisted with the retrieval of documents used in preparation of engineering education seminars
- Utilized many research, including the Internet, to facilitate the search
- Produced resultant documentation to supervising professor for distribution among faculty requesting research information

SUMMER INTERN, May 2000 – June 2000
United States Steel, Fairfield, AL
- Prepared maintenance documentation for in-house power usage monitoring software application
- Trained with Rockwell Automation software suite in preparation for waste monitoring system software conversion
- Performed minor computer maintenance work with non -networked personal computers

GROUP QUARTERS/FIELD ENUMERATOR, March 2000 – May 2000
Bureau of the Census, Dept. of Commerce, Montgomery, AL
- Served as Census Bureau officer
- Visited public mental health and state correctional facilities for population enumeration, as well as door-to-door enumeration for late respondents

STUDENT ASSISSTANT, August 1999 – December 1999
Career Center, University of Alabama, Tuscaloosa, AL
- Executed setup and training duties for in-house magnetic card scanning software
- Assisted with web site formatting and correction duties

- Assisted with appraisal and expansion of office data network

COOPERATIVE EDUCATION STUDENT, January 1997 - August 1998
United States Steel, Fairfield, AL
- Resolved network operation and maintenance issues for in-house corporate service customers using extensive knowledge of IBM-PC- and Apple Macintosh-compatible hardware and software
- Maintained equipment shipping services and inventory for Systems department
- Produced monthly reports of network staff and system operation status

RESEARCH ASSISTANT, July 1996 - August 1996
University of Alabama - Materials for Information Technology (MINT)
- Assisted in research for new manufacturing processes in magnetic tape production.
- Utilized many forms of electronic media and traditional media throughout the research process, including the World Wide Web.

COMPUTERS	C/C++, Lotus cc:Mail, MS Word, MS Excel, MS Outlook, MS Internet Explorer, Netscape Navigator, MS PowerPoint, MS SQL Server, MS Visual InterDev, MATLAB, Maple V, Windows 95/98/NT, HTML, ASP, Visual Basic, FORTRAN, RSView32, RSLinx, RSLogix500
HONORS	Presidential Scholar College of Engineering Scholarship recipient Dean's List National Merit Scholarship Corporation Achievement Scholar
ACTIVITIES	Association for Computing Machinery (ACM) Institute of Electrical and Electronic Engineers (IEEE) - Engineering Executive Council Representative, 2000 – 2001 National Society of Black Engineers (NSBE), University of Alabama Chapter - Pre-College Initiative Chair, 1998-1999 - Vice-President 1999 – 2000 National Science Foundation Freshman Coalition (NSF) The Crimson Roundtable University Honors Program (UHP) Intramural Sports– University of Alabama - Basketball, 1996 - Softball, 1998
REFERENCES	Available upon request

Harmeet Singh
901Hargrove Road
18-A, Tuscaloosa, AL -35401
Voice (H)-(205)-301-7190
Email: H_singh17@hotmail.com

Dynamic, result oriented team player with highly developed leadership and technical skills and proven ability to provide innovative solutions. Initiates and utilizes current and new products and technologies in developing network solutions for the customers.

OBJECTIVE:　　To obtain a challenging and rewarding technical position within a growing organization that will allow me the opportunity to utilize my knowledge, leadership, and strong technical background.

EMPLOYEE HISTORY:

Network Solution Engineer –　　　　　　　　　　　　　　　　**1999-2001**
Nortel Networks (Alpharetta, Georgia)
Provide accurate, timely and professional customer ready RFQ and RFP's 100% of the time, including FPP's(Firm Price Proposals) consistent with Local Internet organization objectives. Responsible for developing professional quality quotes including equipment lists, pricing summaries, system descriptions, network drawings, strategic cover letters, executive summaries, and current delivery and validity dates. Engineer total equipment using spreadsheets, configurators and other software tools.

Worked on all NORTEL Network's major accounts including GTE, Bell Atlantic (known as **Verizon**) and USWest in providing engineering configurations and solutions. In-depth Nortel product knowledge utilizing AccessNode, High Speed Access product line including UE IMAS, Express and IMAS Remote and various network products.

- Created account specific checklists in order to keep all the outgoing quotes as per customer requirements and standardization.
- Proficient in Nortel's 3G Copper Access and High Speed Access Products such as ABM & TBM shelves, CDS, UE 9000,Voice Modules, OSP Cabinets.
- Recently selected as a Verification Prime for a group of Solution Engineers.

Project Engineer-JCT LTD. (India)　　　　　　　　　　　　**1995-1999**
Performed installation, maintenance and upgrading of all Textile yarn manufacturing machines and related quality monitoring devices as per client specifications. Instructed and mentored team members on setting up quality parameters and calibration of electronic controls (PCBs). Extensively used electronic test systems to maintain and monitor quality of the end product.

- Four years extensive experience in Process Control and Quality Control Management in manufacturing environment.
- Over three years experience in Project Management and leading group of 12 technicians.
- Extensively involved in setting up Electronic Parameters, Procedures, Upgrades and Scheduling of high tech machinery installed with analog and digital PCBs.

Electronics Engineer- ZEE T.V. Networks (India)　　　　　　**1994-1995**

Responsible for setting up Master Control Room facility for distribution of Audio/Visual data. Developed the procedures for up linking the ground station with the satellite and distributing the signal. Project Leader of a team of technical people to monitor and upgrade the established broadcasting network.

- Developed procedures for up-linking the ground station with satellite and distributing signal.

KNOWLEDGE/
COMPUTER
SKILLS:

1. C, C++, TURBO PASCAL, SQL PL/SQL
2. Assembly Language (Intel)
3. Operation Systems: Windows 95, MS-DOS & NT
4. Database: ORACLE 8.0
5. Applications: Microsoft Office

EDUCATION:

Marathwada Institute of Technology, India

Electronics Engineering   B.S. Degree   June, 1994

Software Training

October, 1998

Attended a software instruction school for a six month course in C, C++ programming and Oracle 8 concepts.

PROFESSIONAL
MEMBERSHIP:

Member of IETE (Institute of Electronics and Telecommunication Engineering)

STEPHEN C. ST. JOHN

1218 CHICKASAW LN.
HARTSELLE, AL 35640

PHONE: (256) 773-8841
Local: (205) 381-0950
E-MAIL: stevo5tj@yahoo.com

Education

Bachelor of Science in Computer Engineering, The University of Alabama, Tuscaloosa, AL
3.52 GPA
Expected Graduation Date: December, 2003
Dean's List – Fall 99' & 00'

Professional Experience

August 2002 – December 2002   The University of Alabama, Tuscaloosa, AL
Computer Science Tutor
Aided students taking CS102 course with MSOffice XP software, proctored exams.

2000 – 2001   PREMIER System Integrators, Inc., Decatur, AL
Co- Op Student
Designed hardware for industries in the Tennessee Valley using AutoCAD R14/2000
Programmed PLC's using RSLogix software for Solutia Chemicals and International Paper
Programmed touch screen monitor for Solutia Chemicals
Developed time-saving software for use by PREMIER to aid with hardware design, PLC programming, and other general tasks.

Summer 1999   Winn-Dixie Foods, Decatur, AL
Customer Service Assistant
Dealt with customers, maintained cleanliness throughout store, retrieved carts, bagged groceries

Summers 1997, 1998   City of Decatur, Parks & Recreation , Decatur, AL
Maintenance Crew Member
Maintained Wilson Morgan Park softball complex
Prepared softball fields daily for league and tournament play

Computer Skills

Windows 98/00/NT, Linux, MSOffice (Excel, Word, PowerPoint, Access), RSLogix, RSLinx, FoxDraw, PanelBuilder 32, AutoCAD R14/2000, Bentley MicroStation, Visual Basic, VBA, C++, java, assembly, Cimplicity, internet, HTML

Activities/Honors

Phi Eta Sigma, Golden Key Honor Society, Eta Kappa Nu
IEEE
ASME Webmaster, UA–ME Day – Spring 2003
Science Olympiad - 99' Alabama State Champion – Mission Possible & Bottle Rocket events

References Available Upon Request

VIKRAM U SULAKHE

407 Grace Street, Apt. 134
Tuscaloosa, AL 35401

Phone: (205) 242 5247
Email: vikram.u.sulakhe@ua.edu

Objective	To obtain a full-time position to apply my programming skills.

Education

Master of Science in **Computer Science**   August 2003
The University of Alabama, Tuscaloosa, AL   **GPA:** 3.7/4.0
Master's Project: Network Simulator
- Developed Network Simulator to recreate behavior of seven network layers of OSI ISO model
- Each Network node is represented by process and layers within node by threads
- Written in C on Unix platform

Bachelor of Engineering in **Computer Science**   July 2000
Pune Institute of Computer Technology,   **GPA:** 3.31/4.0
The University of Pune, Pune, India
Bachelor's Projects:
1. **Genetic Algorithm for Bio-molecular Structure Optimization**
   - Developed in C on Windows
   - Recipient of third award in intra-college project competition
   - Sponsored by Center for Development of Advanced Technology (CDAC), Pune, India
2. **Inventory Control System for Car Manufacturing Company**
   - Very convenient software for a Car Manufacturing Company to take account of stocks with various ancillary departments
   - Developed in COBOL

Seminar: An introduction to various parallel processing architectures

Work Experience

Graduate Administrative Assistant   August 2002-Present
Technology Group-CBA, The University of Alabama, Tuscaloosa, AL
- Developed the 'Semester Startup' program that creates students' accounts, mail boxes, updates database etc at the beginning of each semester
- Input data consisting more than 15,000 records
- Used C++, Perl, PosrgreSQL, Active Directory with ADSI, Exchange 2000 on Windows 2000

Graduate Assistant   August 2001-July 2002
Department of Mechanical Engineering, The University of Alabama, Tuscaloosa, AL
- Independently developed the 'Hypoid Gear Mesh and Dynamic Modeling and Simulation' software
- Interacted with students and faculty to understand gear mechanism and formed nexus between gear functioning and simulation software
- Built using VB, MatLab, FORTRAN, C++ on Windows NT

Work Experience Cont.	**Software Engineer** July 2000- June 2001

Software Engineer   July 2000- June 2001
AssetLink Corporation, Pune, India

- Worked in the development team of web-based product for DurstDice, USA
- Developed with ASP (VB script and Java script), SQL 7.0, ADO, HTML on WinNT

- Principal developer for in-house project 'Project Calendar', used by AssetLink to keep track of timeline and planning of all projects
- Worked with ASP (VB script and Java script), SQL 7.0, ADO, HTML on WinNT

- Independently developed Admin Module of a portal developed for Convatec, USA
- Worked with XML/XSL (using DOM parser), ASP (VB script and Java script), HTML, C++, COM (ATL basics)

- Wrote SQL database migration scripts for different versions of some products

- Involved in QA procedures of several products

Computer Skills

Programming Languages/Development Tools:
C, C++, Visual Basic, FORTRAN, MatLab, Pascal, Perl, COBOL, Lisp, Java (coursework), ASP, CGI, HTML, XML, XSL, DTD, MS IIS, COM, Exchange, Active Directory, ADSI, ADO, ODBC, XML spy, Visual Source Safe, Visual Studio, Rational Rose, Pcounter, SSH secure shell, RasMol, FTP, Telnet, 8085/8086 Assembly
Databases:
SQL 7.0, PostgreSQL, MS Access
Operating Systems:
DOS, Windows 9x/NT/2000, Unix (learning)

Honors/ Activities

Recipient of third place award at Undergrad Project Competition organized by IEEE.
Webmaster of Indian Association of Tuscaloosa 2002-2003.
Member of the 'Institute of Electrical and Electronics Engineers' (IEEE) 1996-2000.
Recipient of Maharashtra Talent Scholarship- An honor given by the State Government to students, based on performance.

References

Available upon request

GIANG T TRAN

3611 Rice Mine RD. NE.
Lot # 104
Tuscaloosa, AL 35406
(205) 758-8232
tran001@bama.ua.edu

Objective:

Seeking an entry-level but challenging Computer Engineering position.

Education:

The University of Alabama, Tuscaloosa, Alabama
Bachelor's of Science
Expected graduation: December 2002
Major: Computer Engineering
Minor: Mathematic
Cumulative GPA: 3.6/4.0

Shelton State Community College, Tuscaloosa, Alabama
Fall 1997 - Fall 1999

The University of Alaska Southeast, Juneau, Alaska
Spring 1996 – Fall 1996

Experience:

Senior Design Project –
Fall 2002: Design and build a prototype digital filter and spectrum analyzer using a
TMS320C6711 DSP kit.
Spring 2002: Developed a software design process using UML Rational Rose and
Together Soft as the tool. The software was a GUI for a video database.

Waitress, May 2002 – Present
Tokyo Steak House, Tuscaloosa, Alabama

Computer Lab's Monitor, September 2000 – May 2001
The University of Alabama, Tuscaloosa, Alabama

Waitress, June 1997 – August 2000
Siam House, Tuscaloosa, Alabama

Computer skill:

C++/C, Visual Basic, Java, MS Office, HTML, Windows, Unix, Dos, UML, OpenGL,
Assembly Language, VHDL, MatLab, Pspice, UML Rational Rose, Together Soft

Activities:

Member of Eta Kappa Nu, the electrical engineering honors society.
Member of Tau Beta Pi, the engineering honor society.

References: Available upon request.

GUS WEISS IV
P.O. Box 862219
Tuscaloosa, AL 35486-0021
(205) 347-8136
gus.weiss@ua.edu

Objective

To obtain an entry-level position utilizing my training and skills in the field of Computer Engineering.

Education

Alabama A&M University, Normal, AL
May 2000, B.S. Biology, Minor in Chemistry
Magna Cum Laude, G.P.A. – 3.54

University of Alabama, Tuscaloosa, AL
Expected: May 2003, B.S. Computer Engineering

Work Experience

8/01-present **Customer Service Rep,** *University of Alabama, Tuscaloosa, AL*
- Refer customers to available campus and community resources
- Assist with ensuring the security and safety of area residents
- Assist in management of crisis situations
- Provide administrative support to area staff

1/01-present **Residential Assistant,** *University of Alabama, Tuscaloosa, AL*
- Assist in management of facilities, residents, and operations of residence hall
- Facilitate the resident's adjustment to college and on-campus living
- Induce creativity and individual awareness in residents through dorm programs
- Completed weekly reports, incident reports and conduct Health and Safety Inspections

5/99-12/00 **Telecommunicator,** *E-911 for Marengo County, Demopolis, AL*
- Dispatched police, fire, ambulance and rescue services
- Maintained required reports and forms for all outgoing and incoming calls
- Operated radio console (of multiple frequencies) accurately and professionally

12/99-12/00 **Sales Associate,** *Marvin's, Demopolis, AL*
- Assisted customers with special orders and delivery of merchandise
- Forklift operator
- Responsible for keeping an accurate count of in-store items for inventory purposes

9/96-12/99 **Computer Lab Assistant,** *Alabama A&M University, Normal, AL*
- Operated all computer systems within lab
- Performed technical maintenance on computer systems and lab equipment
- Completed and filed necessary forms for office files

8/97-10/99 **Residential Assistant,** *Alabama A&M University, Normal, AL*
- Inventory and preparation of rooms for check-in and check out
- Conducted Health and Safety Inspections weekly
- Mentored and counseled residents
- Completed, reported and filed incident reports

5/98-9/98	**Stock-Clerk**, *Wal-Mart, Demopolis, AL*
	• Store maintenance and stocked inventory

5/97-8/97	**Merchandise Host**, *Walt Disney World, Orlando, FL*
	• Maintained stock room
	• Operated cash register
	• Shadowed management to learn daily upper-level operations
	• Maintained continuous guest contact and service

3/91-present	**Disc Jockey**, *WSLY "SLY" 104.9FM, Demopolis, AL*
	• Communicated weekly with listening community of 50,000 Watts
	• Performed live air show "remotes" at various locations
	• Maintained radio and telecommunications equipment
	• Aided in the sell of air time (spots)

Computer Skills   Microsoft Office; PCGrasp (C++); Matlab; SIS

**Personal
Achievements**   Dean's List 1995-2000; Hnor Roll 1995 -2000; Most Outstanding Student Award 1998-1999; 1st V.P. of Foster Complex 1998; President of Foster Complex 1999

Affiliations   Alpha Kappa Mu National Honor Society; NAACP-Bulldog Chapter; Kuumba Society; Sigma Tau Epsilon Professional Fraternity, Inc.; Alabama State RA Conference-2002; University of Alabama RAA Delegate; IEEE

References: Available upon request

KA KI WU

PO BOX 864961
Tuscaloosa, AL 35486
(205) 366-1696
kw3778@rocketmail.com

OBJECTIVE: To acquire a challenging position in the field of Computer Engineering or Software Development

EDUCATION: **The University of Alabama**   Tuscaloosa, AL
Master of Science: Computer Engineering 2001 to present
Bachelor of Science: Computer Engineering December 2000
Minor Computer Science
GPA: 3.32   Major GPA: 3.53
Passed FE Exam April 2000
Training Course: Linux RedHat RHCE, Windows NT server, Cisco Router Configuration,
         From Oracle University: Oracle Developer, Develop Database Applications with Java
         From Sun Microsystems: Java Programming Language SL-275
- UA Dean's list.

COURSE WORK: **Current Taking**
Computer Communications and Networks
Computer Vision and Digital Image Processing
Data Mining
Taken
Stochastic Process
Programmable Ladder Logic Control
Dynamic Data Acquisition
Neural Network
Artificial Intelligent

EXPERIENCE: **Tung Fa Travel Co. Ltd**   Hong Kong
Ticketing   7/94-9/94
Assisted customers with booking air-tickets, tours, hotels, and applying for visa

Citipage Web Service Co.   Hong Kong
Web Programmer   5/00-8/00
Developed CGI programming and worked with the client to gain internet access and computerize the company

Project:
- Several Computer Graphic designs by using OpenGL that used texture mapping, rotation and translation of complex 3-D objects, and lighting

Team Project:
- Senior design Project using Java and assembly to build a Internet Remote Hardware Control. It will be a Client/Server architecture Internet Application and also has video transmission for monitoring the hardware
- 2-bus pipelined microprocessor design and ALU (division) design and simulated using AHDL
- Software Engineering – design a web based Internet application by using CGI. The system has simple login system, e-card program, and the football gambling system.

COMPUTER SKILLS:

Knowledgeable and experienced Operating System:
Dos, Windows (3.1, 95, 98, NT, 2000 server), Unix (IBM AIX, Solaris 8, and Linux RedHat)

Computer Languages: C/C++, CGI, Fortran 90, PL/SQL, SQL, Java (JDBC, SQLJ, Servlet, JSP, JMF), OpenGL

Hardware: Max Plus chip, Intel 8051, Cisco Router
Assembly: AHDL and Intel assembly

Applications: MS Office, Mathlab, Oracle Developer 2000, Oracle EE 8i, Pspice, Rational Rose UML

ACTIVITIES:

Member, Golden Key National Honor Society
Member, HKN, Eta Kappa Nu, International Electrical Engineering Honor Society
Award: USAA ALL-AMERICAN SCHOLAR

SKILLS:

Language Skills: Fluent in Cantonese and English, Mandarins
Hard-working team player; detail-oriented